

Converting Colors

XYZ(77.0609, 78.3268, 73.6756)

Have a look what the booklet for
XYZ(77.0609, 78.3268, 73.6756)
contains.

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Color

**XYZ(77.2932, 78.4287,
74.0152)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E1D5
RGB	247, 225, 213
RGB Percent	97%, 88%, 84%
CMY	0.0314, 0.1176, 0.1647
CMYK	0.00, 0.09, 0.14, 0.03
HSL	21°, 68%, 90%
HSV	21°, 14%, 97%
XYZ	77.2932, 78.4287, 74.0152
YIQ	230.2100, 16.9640, 0.9320

Conversions

Conversions Part 2

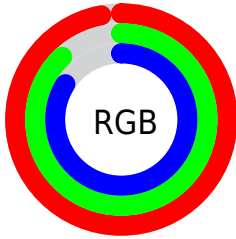
Format	Color
R_{YB}	247, 232, 213
Decimal	16245205
CIE _{Lab}	90.98, 5.60, 8.59
CIE _{LCh}	91, 10.251, 56.889
Yxy	78.4287, 0.3364, 0.3414
Android (android.graphics.Color)	4294435285 (0xFFFF7E1D5)
YUV	230.2100, -8.4845, 14.7248
Hunter-Lab	88.5600, 0.8109, 12.4396

Details

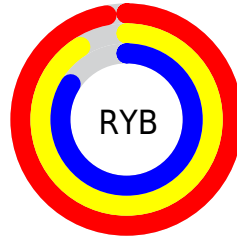
The XYZ color **77.2932, 78.4287, 74.0152** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9369, 80.2764, 99.5943**, and the grayscale version is **75.4231, 79.3510, 86.4132**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7815, 42.1652, 38.2843** is the 20% darker color. If you saturate the color by 10%, you get **70.2748, 69.0324, 57.3682**, and if you desaturate by 10%, it is **85.1977, 88.8315, 93.3151**.

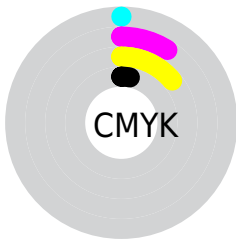
Distribution



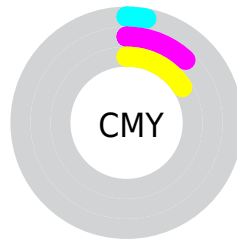
- Red (97%)
- Green (88%)
- Blue (84%)



- Red (97%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2932, 78.4287, 74.0152 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.2932, 78.4287, 74.0152 by changing the saturation by 10% instead.

77.2932, 78.4287,
74.0152

77.2932, 78.4287,
74.0152

474.6397,
489.6215, 493.6906

57.7943, 58.4262,
54.3096

128.5239,
131.1543, 126.6516

41.8859, 42.1514,
38.4544

160.9865,
164.6462, 160.4195

29.2027, 29.2199,
26.0310

198.5010,
203.4033, 199.7119

19.3793, 19.2472,
16.6208

241.4327,
247.8101, 244.9474

12.0503, 11.8490,
9.8054

290.1471,
298.2509, 296.5444

6.8504, 6.6410,
5.1662

345.0095,

3.4142, 3.2386,

355.1101, 354.9216

2.2847

406.3853,
418.7722, 420.4975

■ 1.3764, 1.2575,
0.7226

■ 0.2393, 0.1080,
0.0000

■ 77.2932, 78.4287,
74.0152

■ 77.2932, 78.4287,
74.0152

■ 70.2748, 69.0324,
57.3682

■ 85.1977, 88.8315,
93.3151

■ 64.1036, 60.6015,
43.2522

■ 92.1681, 98.5143,
108.7651

■ 58.7469, 53.1071,
31.5427

■ 54.1674, 46.5151,
22.1031

■ 50.3248, 40.7889,
14.7825

■ 47.1741, 35.8891,
9.4118

■ 44.6650, 31.7727,
5.7951

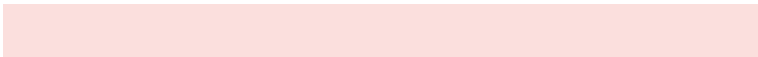
■ 42.7380, 28.3916,
3.6947

■ 41.7834, 26.6250,
2.9369

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0670, 78.4287, 79.1161



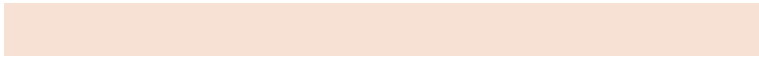
77.2932, 78.4287, 74.0152



74.8143, 78.4287, 71.9518

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2932, 78.4287, 74.0152



69.6889, 78.4287, 84.6251



76.8154, 78.4287, 98.7352

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



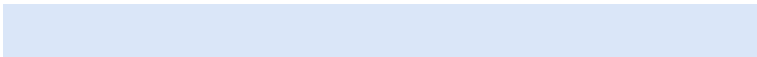
77.2932, 78.4287, 74.0152



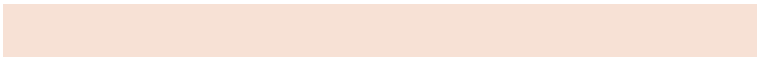
73.9369, 80.2764, 99.5943

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2746, 78.4287, 100.4174



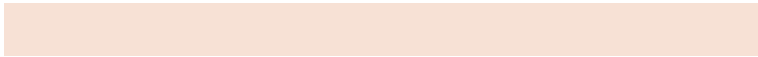
77.2932, 78.4287, 74.0152



70.1971, 78.4287, 91.9987

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2932, 78.4287, 74.0152



70.4566, 78.4287, 77.8510



71.8610, 78.4287, 97.8864



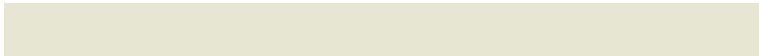
78.7867, 78.4287, 93.4124

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2932, 78.4287, 74.0152



73.1090, 78.4287, 72.4823



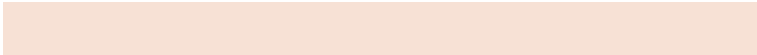
71.8610, 78.4287, 97.8864



75.9979, 78.4287, 99.7580

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.2953, 78.4322, 74.0169



91.3819, 95.2223, 99.7896



77.1627, 73.3676, 88.7683



19.4156, 20.1934, 21.0038



0.0000, 0.0000, 0.0000



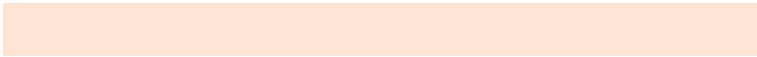
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2953, 78.4322, 74.0169



80.5366, 80.9100, 73.4286



82.0911, 88.0238, 75.6155



16.9778, 17.4397, 17.2689



22.2184, 14.3224, 1.5935



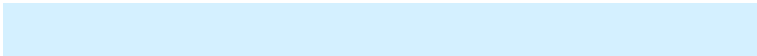
2.0458, 1.4448, 0.1711

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73.9369, 80.2764, 99.5943



76.1706, 83.3052, 106.6726



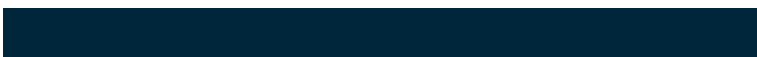
69.3274, 71.0573, 98.0578



16.4757, 17.7157, 21.0937



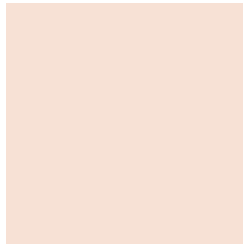
15.6465, 17.0867, 49.0114



1.4716, 1.6947, 4.3398

Previews

White Background



This preview shows how the XYZ color 77.2932, 78.4287, 74.0152 looks on a white background.

Color Contrast Check

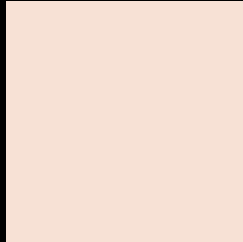
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.2932, 78.4287, 74.0152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.2932, 78.4287, 74.0152

Background



This preview shows how black text looks on a background with the XYZ color 77.2932, 78.4287, 74.0152.



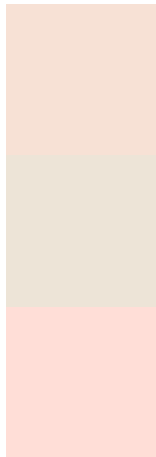
This preview shows how white text looks on a background with the XYZ color 77.2932, 78.4287,

74.0152.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.2932, 78.4287, 74.0152

Protanopia

74.9342, 78.3976, 75.4728

Deuteranopia

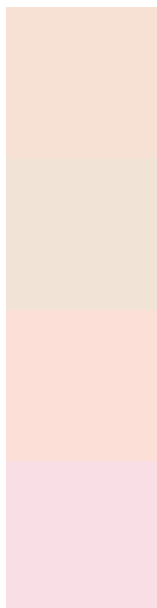
79.6270, 78.4088, 75.2276



Tritanopia

80.8608, 78.2689, 92.5069

Trichromacy



Original Color

77.2932, 78.4287, 74.0152

Protanomaly

75.8823, 78.4940, 74.7698

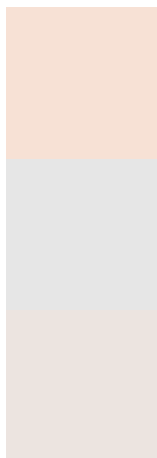
Deuteranomaly

78.6702, 78.3258, 74.5904

Tritanomaly

79.4711, 78.0955, 85.7483

Monochromacy



Original Color

77.2932, 78.4287, 74.0152

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.7900, 78.7015, 81.7174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2932, 78.4287, 74.0152 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(247, 225, 213) looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 225, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 213) }
```

Border

The CSS property to change the border of an element to XYZ 77.2932, 78.4287, 74.0152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 225, 213) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(247, 225, 213) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 225, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2932, 78.4287, 74.0152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
225, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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